

## **EMERGENCY RESPONSE TO HAZARDOUS MATERIAL INCIDENTS (165.15) 5 DAYS**

This course provides emergency response personnel, primarily firefighters, police officers, and emergency medical services personnel, with the information and skills needed to recognize, evaluate, and control an incident involving the release or potential release of hazardous materials. It is intended for response personnel who are currently on or planning to join a hazardous materials response team.

The focus of the course is on recognizing and evaluating a hazardous materials incident, organizing the response team, protecting response personnel, identifying and using response resources, implementing basic control measures, refining decision-making skills, and protecting the public. Firefighting/EMS techniques are not part of the course.

Topics that are discussed include safety plans and standard operating procedures, characteristics of hazardous materials, toxicology, information resources, identification of hazardous materials, incident command for hazardous materials, size up strategy and tactics, containment and confinement of materials, levels of protection, chemical protective clothing, direct-reading instruments, and decontamination.

Instructional methods used are lectures, class problem-solving sessions, and exercises. Emphasis is on the hands-on use of equipment to practically apply lecture information. Class members will participate in two simulations designed to apply and test the lessons learned during the week. Participants will wear self-contained breathing apparatus (SCBA) fully encapsulating suits and chemical splash suits. Individuals who are not participating in a respiratory protection and medical surveillance program should contact Registration and their employer prior to attending this course.

After completing the course, participants will be able to:

- Select the appropriate personal protective equipment for responding to an incident involving hazardous materials.
- Use combustible gas detectors, oxygen meters, and detector tubes to evaluate the hazards present at a hazardous materials incident.
- Use confinement and containment techniques to control the release of a hazardous material.
- Identify the importance of an incident command system for effectively managing an incident involving hazardous materials.
- Develop procedures for the decontamination of emergency response personnel.
- Use size-up techniques to develop strategies and select the appropriate tactics for mitigating hazardous material incidents.

Individuals who respond to hazardous materials incidents should meet the minimum requirement set forth under the Occupational Safety and Health Administration's (OSHA) 29 CFR 1910.120(q)(6)(iii). Individuals should have awareness and operations levels prior to attending this course.

*Note: This course meets and exceeds the minimum OSHA requirements of 24 hours of training for a hazardous materials technician.*

Continuing Education Units: 3.6

ABIH Certification Maintenance points: 4.5

## Emergency Response to Hazardous Material Incidents (cont.)

### Course Dates and Locations

#### 2001

October 29 – November 2	Region 8	December 3–7	Region 10
October 15–19	Region 2		

#### 2002

January 14–18	Edison, New Jersey	May 6–10	Region 7
February 4–8	Region 9	June 2–6	Cincinnati, Ohio
February 25 – March 1	Region 5	June 24–28	Region 3
March 11–15	Region 6	September 9–13	Region 1
April 8–12	Region 4	September 23–27	Edison, New Jersey
April 22–26	Cincinnati, Ohio		